Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118845.D
Acq On : 7 Feb 2020 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 03:34:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	271911	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1012979	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	571333	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1033858	20.00	ng	0.00
76) Chrysene-d12	13.98	240	699670	20.00	ng	0.00
87) Perylene-d12	15.43	264	702321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1242871	86.52	ng	0.00
7) Phenol-d6	6.46	99	1559877	87.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	1454320	85.57	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	571460	83.59	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2766870	86.58	ng	0.00
79) Terphenyl-d14	12.93	244	3080549	90.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	271635	41.494	ng	100
3) Pyridine	3.29	79	760263	41.823	ng	99
4) n-Nitrosodimethylamine	3.23	42	279700	42.262	ng	97
6) Aniline	6.48	93	987554	43.001	ng	95
8) 2-Chlorophenol	6.61	128	708161	44.261	ng	98
9) Benzaldehyde	6.37	77	428726	42.643	ng	100
10) Phenol	6.47	94	849272	42.834	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	661470	43.607	ng	99
12) 1,3-Dichlorobenzene	6.76	146	824669	43.302	ng	98
13) 1,4-Dichlorobenzene	6.84	146	829999	43.692	ng	98
14) 1,2-Dichlorobenzene	6.99	146	761863	41.983	ng	98
15) Benzyl Alcohol	6.96	79	612037	44.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	804147	43.289	ng	98
17) 2-Methylphenol	7.07	107	583171	43.841	ng	99
18) Hexachloroethane	7.33	117	294747	43.230	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	467335	42.834	ng	97
20) 3+4-Methylphenols	7.23	107	672071	40.308	ng	91
22) Acetophenone	7.23	105	939228	42.676	ng	97
24) Nitrobenzene	7.40	77	730915	43.051	ng	95
25) Isophorone	7.65	82	1279282	41.884	ng	98
26) 2-Nitrophenol	7.72	139	394965	43.658	ng	99
27) 2,4-Dimethylphenol	7.76	122	519463	42.270	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	856359	43.238	ng	99
29) 2,4-Dichlorophenol	7.96	162	634100	43.085	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	734867	42.719	ng	100
31) Naphthalene	8.12	128	1972344	42.572	ng	100
32) Benzoic acid	7.89	122	416613	40.945	ng	96
33) 4-Chloroaniline	8.17	127	882767	42.589	ng	99
34) Hexachlorobutadiene	8.25	225	448182	42.525	ng	99
35) Caprolactam	8.55	113	200590	42.043	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	639465	43.175	ng	100
37) 2-Methylnaphthalene	8.82	142	1362843	42.414	ng	98
38) 1-Methylnaphthalene	8.92	142	1291528	42.728	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	742976	43.088	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	244660	36.185 ng	100
43) 2,4,6-Trichlorophenol	9.09	196	487248	42.257 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	511756	43.436 ng	95
46) 1,1'-Biphenyl	9.28	154	1715444	43.405 ng	99
47) 2-Chloronaphthalene	9.30	162	1423984	43.341 ng	99
48) 2-Nitroaniline	9.40	65	416914	43.996 ng	95
49) Acenaphthylene	9.72	152	2054091	43.299 ng	100
50) Dimethylphthalate	9.58	163	1681896	43.234 ng	99
51) 2,6-Dinitrotoluene	9.64	165	378696	42.544 ng	98
52) Acenaphthene	9.89	154	1262605	40.390 ng	99
53) 3-Nitroaniline	9.81	138	417562	42.299 ng	98
54) 2,4-Dinitrophenol	9.92	184	164552	38.454 ng	95
55) Dibenzofuran	10.06	168	1882188	41.663 ng	100
56) 4-Nitrophenol	9.97	139	278018	38.913 ng	98
57) 2,4-Dinitrotoluene	10.05	165	506999	43.040 ng	93
58) Fluorene	10.40	166	1404964	41.338 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	431283	41.916 ng	99
60) Diethylphthalate	10.27	149	1600615	42.313 ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	757340	41.089 ng	98
62) 4-Nitroaniline	10.42	138	419072	42.391 ng	97
63) Azobenzene	10.56	77	1375374	42.588 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	246109	42.364 ng	90
66) n-Nitrosodiphenylamine	10.52	169	1325405	44.258 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	531324	43.444 ng	96
68) Hexachlorobenzene	10.96	284	601942	42.910 ng	98
69) Atrazine	11.04	200	402625	40.355 ng	98
70) Pentachlorophenol	11.15	266	285583	38.556 ng	99
71) Phenanthrene	11.36	178	2161443	42.492 ng	99
72) Anthracene	11.42	178	2154422	42.574 ng	99
73) Carbazole	11.57	167	1926828	43.387 ng	99
74) Di-n-butylphthalate	11.90	149	2281725	40.332 ng	99
75) Fluoranthene	12.55	202	2229268	40.139 ng	99
77) Benzidine	12.67	184	859107	40.597 ng	99
78) Pyrene	12.78	202	2203918	45.916 ng	100
80) Butylbenzylphthalate	13.40	149	925631	42.250 ng	95
81) Benzo(a)anthracene	13.97	228	1825621	43.849 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	736847	43.271 ng	99
83) Chrysene	14.00	228	1800541	43.089 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1120746	40.321 ng	100
85) Di-n-octyl phthalate	14.57	149	1792252	37.639 ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	1806533	43.029 ng	100
88) Benzo(b)fluoranthene	15.01	252	1781729	40.884 ng	98
89) Benzo(k)fluoranthene	15.04	252	1677039	44.191 ng	100
90) Benzo(a)pyrene	15.37	252	1590796	42.653 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1489287	44.981 ng	98
92) Benzo(g,h,i)perylene	17.30	276	1419892	44.592 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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